

L.E.A.F. Program

Approved Tree Species List



Bald Cypress

Taxodium distichum

- **Flowers:** Inconspicuous, brown
- **Fruit:** Cones
- **Foliage:** Deciduous conifer, dark green needle-like leaflets give it a feathery, fine-textured appearance
- **Soil Type:** Sandy, Well-Drained, Wet, Drought/Dry
- **Light Exposure:** Full Sun, Part Sun/shade
- **Growth Rate:** Medium
- **Approx. Height:** 50 - 75 Feet
- **Approx. Width:** 15 - 25 Feet
- **Fall Color:** Bronze to rich pumpkin brown
- **Hardiness Zones:** 5-11
- Attracts birds and squirrels



Bur Oak

Quercus macrocarpa

- **Flowers:** Insignificant flowers
- **Fruit:** Acorns
- **Foliage:** Deciduous, leaves are from one-half to one foot long
- **Soil Type:** Sandy, Well-Drained, Clay
- **Light Exposure:** Full Sun
- **Growth Rate:** Slow
- **Approx. Height:** 75 feet and up
- **Approx. Width:** 50 feet and up
- **Fall Color:** Yellow green to brown
- **Hardiness Zones:** 3
- Very drought-tolerant and casts dense shade, is resistant to air pollution and heat stress



Cedar Elm

Ulmus crassifolia

- **Flowers:** Red-brown to red-green
- **Fruit:** Winged seeds in fall
- **Foliage:** Deciduous dark green leaves are small and rough textured
- **Soil Type:** Can withstand heavy, poorly drained clay soils & soils that are moderately compacted
- **Light Exposure:** Full sun
- **Growth Rate:** Reasonably fast
- **Approx. Height:** 50 to 70 feet
- **Approx. Width:** 40 to 60 feet
- **Fall Color:** Beautiful golden yellow
- **Hardiness Zone:** 6-9
- Very high heat tolerance, medium low watering requirements, tough adaptable shade tree, rounded crown



Chinquapin Oak

Quercus muehlenbergii

- **Flowers:** Green
- **Fruit:** Dark brown acorns
- **Foliage:** Deciduous, unique saw-tooth leaves, deep green leaf color creates a lush appearance.
- **Soil Type:** Limestone soils, rocky or sandy soils, alkaline adaptable
- **Light Exposure:** Full sun
- **Growth Rate:** Relatively fast
- **Approx. Height:** 50 to 90 feet
- **Approx. Width:** 20 to 40 feet
- **Fall Color:** Yellow to bronze
- **Hardiness Zone:** 5
- Moderate watering needs, drought/heat tolerant, excellent shade tree, open crown, attracts hummingbirds and butterflies



Desert Willow

Chilopsis linearis

- **Flowers:** Late spring to fall, trumpet-shaped, sweetly fragrant. Light pink to light violet.
- **Fruit:** Narrow two-valved pod, small flattened winged seeds
- **Foliage:** Deciduous, thin, light green
- **Soil Type:** Well drained
- **Light Exposure:** Full Sun
- **Growth Rate:** Rapid
- **Approx. Height:** up to 30 feet
- **Approx. Width:** 15 to 20 feet
- **Fall Color:** Yellow
- **Hardiness Zone:** 7
- Shrub or slender tree with leaning trunks, low watering needs, very high heat tolerance, long blooming period, good for erosion control



Eve's Necklace

Sophora affinis

- **Flowers:** Fragrant, pale to rosy pink, hang in clusters
- **Fruit:** Long black segmented pods
- **Foliage:** Deciduous, dark lustrous green leaves
- **Soil Type:** Well-drained
- **Light Exposure:** Partial sun/shade
- **Growth Rate:** Medium
- **Approx. Height:** 15 to 35 feet
- **Approx. Width:** 10 to 20 feet
- **Fall Color:** No fall color change
- **Hardiness Zone:** 7
- High heat/drought tolerance, low water needs, rounded upright oval crown, attractive/showy tree



Live Oak

Quercus virginiana

- **Flowers:** Inconspicuous, brown
- **Fruit:** Acorns
- **Foliage:** Evergreen, smooth lightly toothed margins,
- **Soil Type:** Well-drained
- **Light Exposure:** Partial sun/shade, full sun
- **Growth Rate:** Moderate
- **Approx. Height:** 60 to 80 feet
- **Approx. Width:** 60 to 120 feet
- **Fall Color:** No fall color change
- **Hardiness Zone:** 7
- Casts deep shade, dense round crown, durable, large trunk, high drought tolerance, attracts butterflies, highly desirable landscaping tree



Mexican Buckeye

Ungnadia speciosa

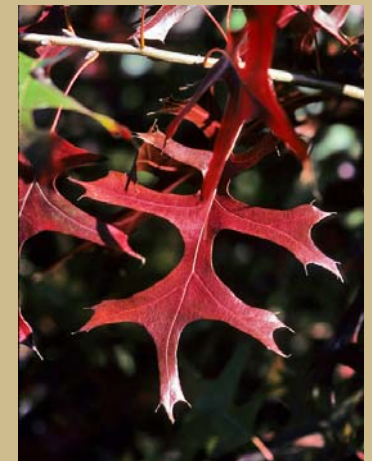
- **Flowers:** Pink, pleasant fragrance
- **Fruit:** 3-celled, 3-valved capsule with up to 3 shiny round black seeds
- **Foliage:** Deciduous, dark green
- **Soil Type:** Clay, acidic, well-drained
- **Light Exposure:** Full/partial sun
- **Growth Rate:** Moderate
- **Approx. Height:** 15 to 30 feet
- **Approx. Width:** 8 to 12 feet
- **Fall Color:** Bright golden yellow
- **Hardiness Zone:** 8
- High heat/drought tolerance, makes an attractive tall background shrub or deciduous screen, oval crown, requires pruning to develop strong structure



Texas Red oak

Quercus texana

- **Flowers:** Reddish-brown catkins
- **Fruit:** Reddish-brown acorns
- **Foliage:** Deciduous, 4-8" long dark green, deeply lobed
- **Soil Type:** Alkaline adaptable
- **Light Exposure:** Full sun
- **Growth Rate:** Rapid
- **Approx. Height:** up to 75 feet
- **Approx. Width:** up to 60 feet
- **Fall Color:** Vivid red and orange
- **Hardiness Zone:** 5, 6, 7, 8, 9
- Low water needs, high heat tolerance, long-lived, rounded crown, requires pruning to develop strong structure



Texas Redbud

Cercis texensis

- **Flowers:** Clusters of pink & magenta
- **Fruit:** Small flattened pod and seeds
- **Foliage:** Deciduous, dark green, thick leathery, heart shaped leaves with wavy margins
- **Soil Type:** Well-drained, adaptable
- **Light Exposure:** Full/partial sun
- **Growth Rate:** Rapid
- **Approx. Height:** 15 to 20 feet
- **Approx. Width:** 15 to 20 feet
- **Fall Color:** Gold or red
- **Hardiness Zone:** 6
- Very high heat tolerance, medium watering requirements, multi-trunked, very showy tree

